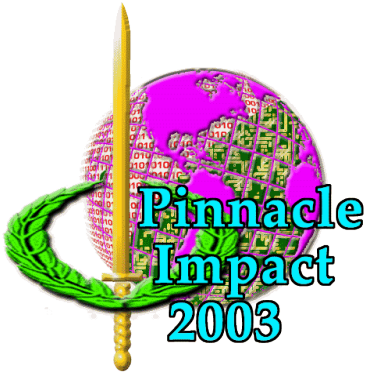
Naval Operating Concept Vignette 2 Response



Deploy, Employ and Sustain

Element 1: How the NOC Addresses DES

Deploy:

- **Expeditionary, continuous forward presence, surge capability**
- **Using the sea as maneuver space, Sovereign Seabase allows for complete freedom of action providing capability, flexibility and survivability of forces for the JFC.**
- **Accelerates force closure, shifts forces between theaters**
- **Versatile combat forces: scalable, tailored force packages across the full range of military operations**
- **Facilitates strike options; maneuver and sensing; enables the deployment of follow-on forces**
- **Provides situational awareness of regional security environments and operating cultures**

Element 1: How the NOC Addresses DES

Employ:

- **Credible, flexible deterrent options, immediately employable combat capability**
- **Reconstitution at sea enables rapid re-employment**
- **Independently employable Naval strike groups expand employment options**
- **Forcible entry capability enables introduction of additional forces**
- **Employs OMFTS & STOM increasing operational tempo, reach and flexibility**
- **Selective offload, high speed surface and air lift accelerate force employment**

Element 1: How the NOC Addresses DES

Sustain:

- **Netted C2 structure interfaces with Naval and strategic pipelines in an integrated logistics system**
- **Phased Arrival & Assembly at Sea with embedded distributed collaborative planning tools provides planning & advanced rehearsal capability.**
- **Modular capabilities enables multi-mission ships to serve in a joint C2 role**
- **Sea-based capabilities compress RSOI to reduce operational pauses**
- **Forces sustained by MPGs using integrated Naval logistics to interface with Naval/joint/strategic pipelines**
- **Sustainment by cargo from strategic or intra-theater sealift provides greater persistent to joint operations**
- **TAV and system self-diagnostics yields timely/accurate sustainment ops**
- **Provides medical care, basing for SOF (AFSB) and through-put of selected joint supplies, support and forces**

Element 2: Assumptions

- Inter and intra theater HSV have been fielded
- JDP has evolved into a seamless, integrated system
- JTAV has been developed and fielded
- There will be no pauses for RSOI
- A robust infrastructure will not be available in the JOA
- Sealift and airlift technologies and assets are available to flow forces and materiel to sea base
- Sea based technologies for materiel handling and force packaging are available
- Naval afloat pre-positioned assets are fully integrated
- Duration of operation is unknown

Element 2: Situation

Red is not deterred. Blue has I&W for invasion of Gray and Orange. Blue begins deployment / employment before Red invades.

Element 2: Mission Statement

On order, RCC Blue Forces will deter Red aggression, and if deterrence fails, RCC Blue Forces will decisively defeat Red aggression in order to ensure territorial sovereignty and regional stability.

Element 2: Commander's Intent

- **Purpose: Ensure regional access and stability**
- **Method (part 1): Deter / Shape / Ensure Stability**
  - Establish a Coalition Combined Task Force to prevent Red aggression
  - Aggressive exercise and engagement program that:
    - Maintains forward deployed posture and access to the region
    - Prepares for deployment and sustainment of our force
    - Conducts series of combined exercises to demonstrate resolve and will, focused on: Maintaining access; denying Red access to allies; Coalition TBMD, force projection and deployment to Orange, Gray, Tan, & Black, Combined/Joint C2
  - Ensure an aggressive collaborative and netted C4ISR grid within region (multi tiered ISR) that enables awareness and decisive action
  - Information Operations Campaign, ICW DI&E, that convinces Red of the unacceptable diplomatic and economic costs of aggression, and complete understanding of Coalition regional goals
  - Establish increased force protection within the region and in support of the homeland
  - I intend to do this in a manner designed to convince Red of the unacceptable military cost of aggression, without precipitating hostile actions by Red

Element 2: Commander's Intent

- **Method (part 2): If deterrence fails, when directed:**
  - **Rapid response to defend access and regional partners against Red aggression**
    - **Pre-emptive strike against TBM / Air**
    - **Anti access plan to defeat Red aggression**
  - **Isolate & defeat offensive capabilities that threaten region and support power projection**
  - **If Red conducts first use of WME weapons, RCC Blue will immediately neutralize Red's nuclear capability**
  - **Prevent continued aggression**
  - **Promote legitimacy and positive economic & security aspects of coalition actions.**

Element 2: Commander's Intent

- **End State:**
  - **Sovereignty and stability restored within the region.**
    - **Territorial borders recognized and intact.**
    - **Petral Islands aligned with Country of Orange.**
    - **Buffer zone est. between Orange /Red (PKO operations transferred to UN)**
  - **Red power projection and offensive capabilities neutralized.**
    - **Ground: near peer w/Orange**
    - **Air: near peer w/ Orange**
    - **TBM capability limited to 90 KM**
    - **Submarine threat reduced to defensive**
    - **Incapable of threatening international waters or airspace**
  - **US maintains basing and access within the region. (Orange, Gray, Black, Tan, Brown & Petral Islands)**
    - **Air and maritime FON.**
    - **Cooperative exercise and engagement w/ Orange, Gray, Black,Tan, Brown, PETRAL Islands.**
    - **Basing rights est. in Orange, Tan, Gray.**

Element 2: Task Organization

CTF

- **RCC**
- **SJFHQ**
- **CIOCC**
- **CIATF**

CSOTF CE

- **2 x SOF BDE**
- **6 x Coalition SOF BDE**
- **2 X Rgt**

CFLCC

- **TF Orange Block:**
  - **CAGTF w/ 3 Div AGTF**
    - **7 OF BCT / 1 OF BCT L & 2 ABN BCT**
- **TF Maneuver Orange**
  - **1 x DAGTF (REIN)**
    - **3 x FCS**
    - **2 x OF AASLT BCT**
- **TF Force Protect**
  - **2 x Stryker BCT**
  - **1 x ABN BCT**

UE = Corps level HQ w/ 3 UAs

UA = current Brigade size w/ DIV capability

Element 2: Task Organization

CFMCC:

- **4 x CSG (BL) / 5 other**
- **3 x ESG (BL) / 2 other**
- **1 X TBMD SAG**
- **5 X SAG**
- **5 x SSGN (BL) / 2X SSN other**
- **2 X ASW/ASUW**
- **2 x MPF**
- **9 x HSV**
- **TF Gray Block:**
  - **UK DAGTF**
  - **CA BCT**
  - **AUS RCT**
  - **NATO BDE TF**

CFMCC (cont)

- **TF STOM / MEF CE**
  - **Amphib MEB**
  - **2 X ESG**
  - **1 x MPF**
  - **1 X NATO Amphib Bn**
  - **1 x Fr Amphib Grp**
  - **1 x CDO BDE**
- **TF Force Protect (Black)**
  - **1 x ACF (MAGTF)**

CFACC

- **Blue: AEF, AEW, AEG, GMTF, GSTF, C4ISRT**
- **Gray / Black: UK, AU, GE, CA,**
- **Tan: FR, NATO**

Task Organization

- **CFMCC:**
  - **4 x CSG (BL) / 5 other**
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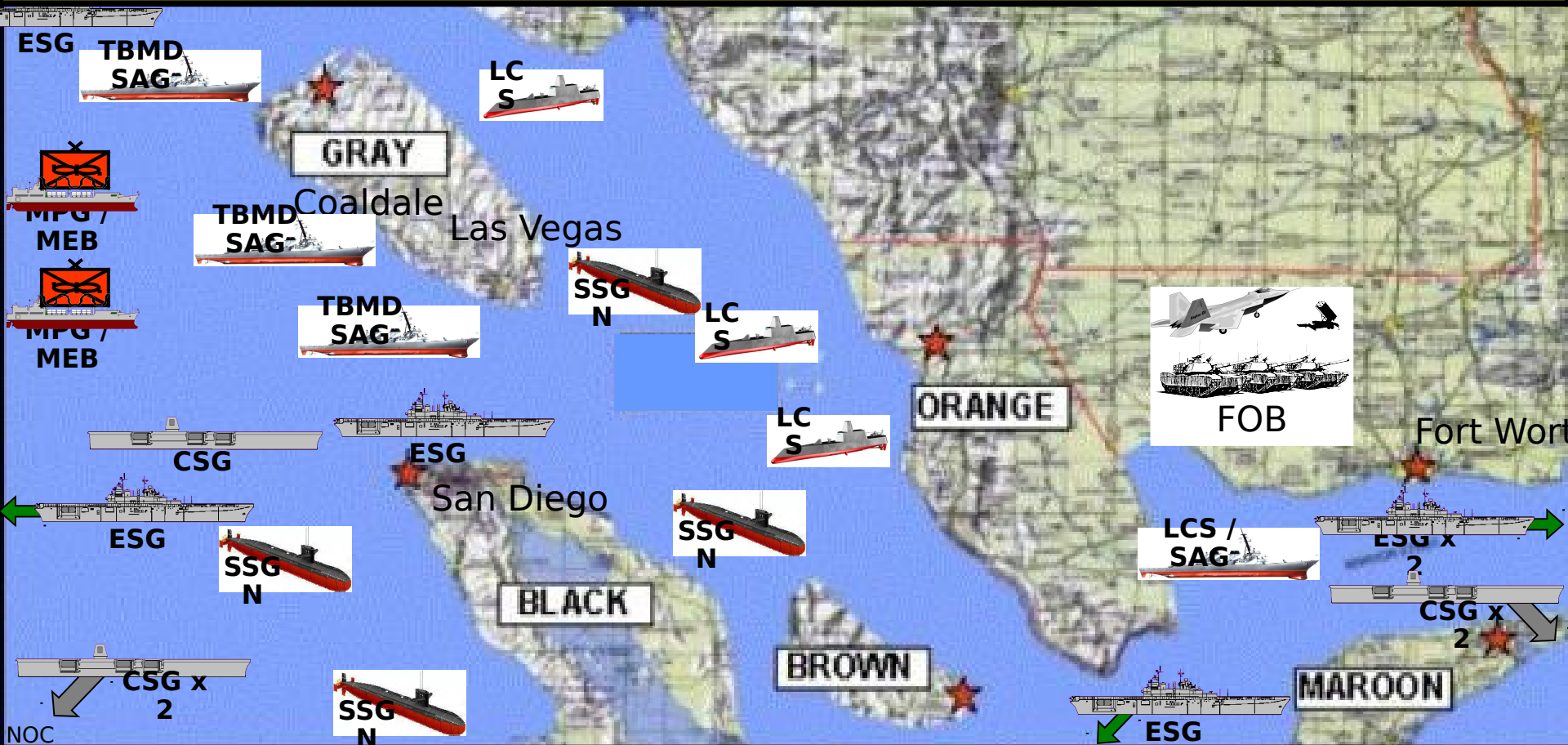
- **CFACC**
  - **Blue**
    - **AEF, AEW, AEG, GMTF, GSTF, C4ISRT**
  - **UK, AU, GE, CA, - Gray / Black**
  - **FR, NATO-Tan**

CONOPs: Forward deployed forces in theater: (2) CSGs, (3) ESGs, (2) LCS squadrons, (2) SAGs (TBMD), (1) SSGN, and (2) MPSs including (2) HSV squadrons MODLOC in theater. Additionally, forces forward deployed in adjacent theaters are shifted to augment in-theater capabilities. Orange and Gray naval forces are operating with US Naval forces. Upon I&W deployment timeline begins.

Forward deployed forces are immediately employable.

CONOPs: RCC (Blue Forces) is surging additional forces into theater consisting of: (3) CSGs, (3) ESGs, (2) SAGs (TBMD), (2) LCS squadrons, (3) SSGNs, establish ABs at Alpha, Bravo, and Echo (and Golf after hostilities). These forces are followed by: (2) MPF MEBs using inter-theater, strat lift and self-deployed air assets via ABs (Bravo and Echo). Using tilt rotor aircraft and HSVs for intra-theater lift from ABs to sea base. Selected other joint forces organize and begin deployment into theater. Deploy coalition naval forces.

Surged forces are immediately employable upon arrival vicinity of JOA.



CONOPs: Sea Based forces are in theater and have set conditions to allow joint forces to conduct decisive actions across the full range of military operations. ABs are established in theater and are being used to flow forces. MPS ships and MEB personnel have been linked via intra-theater lift. The ESF is fully formed and fully operational with MPS, MEB, CLF, and HSVs merged into an MPG providing employment and sustainment capabilities to the joint force. The conditions exist after C+13 with the limiting factor being the ESG from vicinity of Charlie (5600 miles).

Total forces in theater: 5 x CSG, 6 x ESG, 4 x SAG (TMD), 4 x SSGN, 2 x MPG MEB, 4 x LCS squadrons

Immediately employable, forward deployed and surged forces establish conditions for the JFC to initiate subsequent phases of the overall operation.

CONOPs: Sea-based forces sustained through platforms of the MPG using integrated naval logistics to interface with naval and joint bases and joint strategic logistics pipelines. New-generation, higher-capacity combat logistic ships will sustain a secure, sovereign, at sea resupply pipeline from land depots and ports outside the area of operations through designated advanced bases / ISBs to the sea-based forces within that area. Selected joint forces sustained, as applicable, using the networked, naval, sea-based logistics process.

Element 3: Derived Capabilities

- **Overcome bandwidth restrictions to enable logistics C2/logistics COP**
- **Provide immediate reach-back capability to theater and national assets to enhance situational awareness of forward deployed forces**
- **Maximize technologies (FORCEnet) to link other joint forces to forward deployed Naval forces**
- **Distributed, networked tools to enhance enroute collaborative planning and rehearsal capabilities (Modeling & Simulation)**
- **Develop a flexible and reconfigurable, deployable command and control joint system (DJC2)**
- **Technologies that will ensure equipment inspection, maintenance, testing, and selective reconfiguration resulting in compressed RSO&I**
- **Developments in high speed vessels/lighterage, vertical lift assets, landing craft, and advanced surface assault vehicles to enable phased at sea arrival and assembly**
- **Attain total asset visibility and logistics management information system**

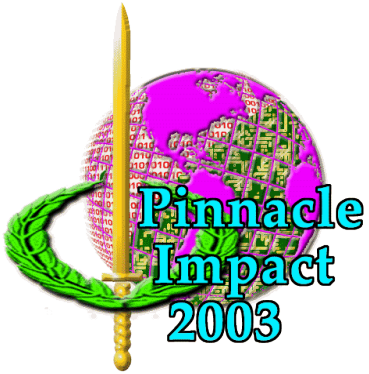
Element 3: Derived Capabilities

- **JDP transforms into seamless, integrated, real time system (TPFDD)**
- **Provide air and missile defense against emerging threats that can be projected over forces or areas of interest ashore**
- **Conduct littoral and blue-water undersea warfare (MCM), detection, avoidance, breaching, and clearance of mines (land and sea)**
- **Detect, identify, track and engage/interdict high numbers of surface vessels in high clutter environments**
- **Operate in a Chemical, Biological and Radiological (CBR) environment**
- **Conduct precision navigation of manned and unmanned craft in the littoral to include operating in an environment where sensors/navigation systems are degraded/denied**
- **Integrated network that allows joint, coalition, and interagency operations**
- **Provide sufficient precision and volume-fire capabilities for maneuver forces**
- **Integrate DLA supply chain into the sea base with items ready for use by the end user**

Element 3: Derived Capabilities

- **Reduce consumables like fuel and water and develop alternative ordnance variants that are smaller, lighter, while maintaining lethality to minimize the logistics footprint ashore**
- **Increase commonality of equipment, supplies, maintenance, and materiel to enhance joint force interoperability/efficiency**
- **Identify and develop technologies that reduce the impact of weather/sea-states on air and sea operations to/from the sea base**
- **Provide a heavy underway replenishment (UNREP) capability between all ships in the sea base, to include the ability to conduct at-sea reload and cross-deck of munitions and commercial vessels**
- **Provide a distributed medical capability, to include medical evacuation to/from/at sea**
- **Sustainment technologies (strike up / strike down, automated warehousing, modularity) deliver selectable force packaging**

Questions/Discussion



Element 4: Vignette Questions

- **Q1) How do we optimally organize to deploy, employ and sustain joint forces so that warfighting and sustainment capabilities are complementary to the Joint Force Commander's tempo?**
  - **Forward Naval operating forces will be organized into an ESF, elements of which will train together to ensure readiness for a wide range of contingencies. The ESF will consist of CSGs, ESGs, and Maritime Prepositioning Groups (MPG). The ESF can be scaled with the introduction of forcible-entry capable, amphibious Marine Expeditionary Brigades and in-theater assets. These elements will deploy as units capable of independent operations, and can be quickly integrated into the ESF based on requirements. The MPG provides both operational reinforcement and sustained endurance to the ESG, CSG, and theater assets, and together they will form a sovereign sea base, operating primarily in international waters or from coalition bases and waters. The ESF brings complementary capabilities to Air Force Air and Space Expeditionary Task Forces, Army Objective Forces and Joint Special Operations Forces for integrated joint operations across the spectrum of conflict.**

Element 4: Vignette Questions

- **Q2) How do we deploy, employ and indefinitely sustain forces conducting widely, physically separated operations in geographic AORs within the global battlespace?**

  The challenges facing the Joint Force demand globally responsive forces to defend the homeland, deter forward, and swiftly and decisively defeat adversaries. This requires a balance between forward-positioned and CONUS-based forces to provide joint force flexibility.

  - **The Navy and Marine Corps are intrinsically expeditionary**
  - **Forward posture deters aggression**
    - **Creates familiarity within AORs**
    - **Provides knowledge to the Joint Force**
  - **Immediately employable forcible entry capability**
  - **Establishes conditions**
    - **Permits full deployment and employment of Joint/Multi-national capabilities**
    - **Rapid build-up in AOR**
    - **Swiftly and decisively defeat**
    - **Offensive and defensive power projection**

Element 4: Vignette Questions

- **Q2 (Continued) How do we deploy, employ and indefinitely sustain forces conducting widely, physically separated operations in geographic AORs within the global battlespace?**
  - **FORCEnet provides framework for information exchange throughout the global battlespace**
  - **Sea Strike integrates Precision Engagement and Dominant Maneuver**
  - **Sea Shield achieves full dimensional protection**
  - **Sea Basing foundation for Sea Strike and Sea Shield**
    - **Integration of the Joint Dominant Maneuver and Focused Logistics**
    - **Delivers integrated fires**
    - **Projects and sustains maneuver forces (sovereign sea base)**
    - **Maintains C2 in area denial environment**
  - **Navy and Marine Corps integrate their warfighting capabilities to achieve maximum interoperability with Army, Air Force, Coast Guard, and SOCOM**

Element 4: Vignette Questions

- **Q2 (Continued) How do we deploy, employ, and indefinitely sustain forces conducting widely, physically separated operations in geographic AORs within the global battlespace?**
  - **Without stockpiles within the area of operations?** The fundamental premise of sea basing is that it fully integrates combat and logistic capabilities. Our employment and sustainment stocks are inherently part of our forces. The sea base provides centralized management of materiel including receiving, warehousing, and distribution. A variety of initiatives are underway to reduce the requirements to sustain the force.
  - **Without pauses for RSO&I?** Arrival and Assembly at Sea enroute takes no host nation support nor permission in the JOA. This minimizes the required “operational pause” normally associated with joint operations.

Element 4: Vignette Questions

- **Q2 (Continued) How do we deploy, employ, and indefinitely sustain forces conducting widely, physically separated operations in geographic AORs within the global battlespace?**
  - **Without robust infrastructure?** The concept does not rely on significant infrastructure ashore, whether robust or otherwise. The use of sea-based assets provide capabilities required to operate from the sea rather than from HNS sites in the JOA.
  - **Without reducing operational tempo?** Sea basing also contributes to increased operational tempo by increasing speed, mobility, and maneuverability. Selective offload means we only take the time to handle and offload only the specific equipment and supplies needed by the forces ashore, again reducing the operational pause associated with re-supply. By eliminating operational pauses associated with the build up ashore reduces and adversary's time to react while increasing naval force agility. Similar operational pauses are eliminated by significantly reducing the size of supporting forces that require re-embarking aboard ship for new missions.

Element 5: Recommendations for the JOPSC and MCO JOC

- Consider the concept of “dynamic sea basing” to support selected joint forces as complementary to a “static sea basing” concept
  - Establish joint definitions/standards for both dynamic and static utilization of sea basing capabilities
- Address sea basing capabilities as an integrated system across all the functions of warfare, not just logistics
- Include forcible entry from the sea, especially in the early stages of a crisis
- Discuss how the Joint Force will be protected during its deployment and sustainment
- Describe how afloat pre-positioning assets are fully interoperable w/the sea base & include the capability for: at sea arrival & assembly, selective offload, heavy UNREP, interoperability w/intra-theater HSV
- Discuss capabilities resident within Naval forward deployed forces

Questions/Discussion